

Title (en)
Ozone producing apparatus

Title (de)
Vorrichtung zur Erzeugung von Ozon

Title (fr)
Dispositif de production d'ozone

Publication
EP 0893403 B1 20021002 (EN)

Application
EP 98112897 A 19980710

Priority
JP 19843597 A 19970724

Abstract (en)
[origin: EP0893403A1] An ozone producing apparatus is disclosed comprising an ozone generator (1) for generating ozonized oxygen, an adsorption/desorption tower (4) for adsorbing and storing ozone from the ozonized oxygen, and ozone desorbing means (7) for desorbing adsorbed and stored ozone for supply, wherein the apparatus further includes oxygen gas supply means (9) for supplying oxygen to the adsorption/desorption tower (4) at the time when desorption is started, and oxygen gas flow rate adjusting means (10) for adjusting the flow rate of the oxygen gas to be supplied. Ozone injection can be made definite, and the apparatus is economical under the aspects of both initial and running costs. It presents great effects of preventing slime adhesion and can also limit generation of oxidants even when applied to sea water. <IMAGE>

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